

International Application No
PCT/GB 03/03366

According to International Patent Classification (IPC) or to both national classification and IPC

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F25D F24J C09K B29C B32B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 908 248 A (TSURUSAKI SATOSHI ET AL) 13 March 1990 (1990-03-13) abstract column 3, line 4 - line 50; figures	1,6-13, 15-18,22
Y	---	19,20,27
Y	FR 2 808 425 A (SERVE ERIC) 9 November 2001 (2001-11-09) page 5, line 1 - line 18; figure 1	19,27
Y	---	
	US 5 887 437 A (MAXIM ROSEMARY S) 30 March 1999 (1999-03-30) abstract; figures	20

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

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Date of the actual completion of the international search

16 December 2003

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14 01 2004

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/03366

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 60313 A (GAUDE LYMAN E DON ;GABEL KIMBERLY (US); MURRAY JOSEPH C (US); THER) 25 November 1999 (1999-11-25)	1,6-18, 22
A	abstract page 7, line 2 - line 18; claims; figures ---	19,27
X	US 2 185 799 A (BLAKE KENNETH R ET AL) 2 January 1940 (1940-01-02) page 1, right-hand column, line 45 -page 2, left-hand column, line 21; figures ---	1,6-8, 11,12,14
X	US 4 208 229 A (GIARDINI DANTE S) 17 June 1980 (1980-06-17) column 14; claim 7; figure 1 ---	23,25
A	WO 01 34373 A (CARGLASS LUXEMBOURG S A R L ZU ;MACARTHUR DOUGLAS (GB); LISTER ROB) 17 May 2001 (2001-05-17) cited in the application the whole document -----	23

INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4908248	A	13-03-1990	NONE	
FR 2808425	A	09-11-2001	FR 2808425 A1	09-11-2001
US 5887437	A	30-03-1999	NONE	
WO 9960313	A	25-11-1999	US 6269654 B1 AU 3998099 A WO 9960313 A1	07-08-2001 06-12-1999 25-11-1999
US 2185799	A	02-01-1940	NONE	
US 4208229	A	17-06-1980	NONE	
WO 0134373	A	17-05-2001	GB 2358424 A AU 1289201 A BG 106702 A BR 0015639 A CA 2391102 A1 CN 1423590 T CZ 20021632 A3 EP 1227927 A1 EP 1314543 A1 WO 0134373 A1 HU 0204108 A2 JP 2003513874 T NO 20022271 A NZ 519035 A SK 7312002 A3 TW 486437 B US 2003205831 A1 US 6589036 B1	25-07-2001 06-06-2001 30-06-2003 02-07-2002 17-05-2001 11-06-2003 15-01-2003 07-08-2002 28-05-2003 17-05-2001 28-05-2003 15-04-2003 10-07-2002 28-03-2003 08-10-2002 11-05-2002 06-11-2003 08-07-2003